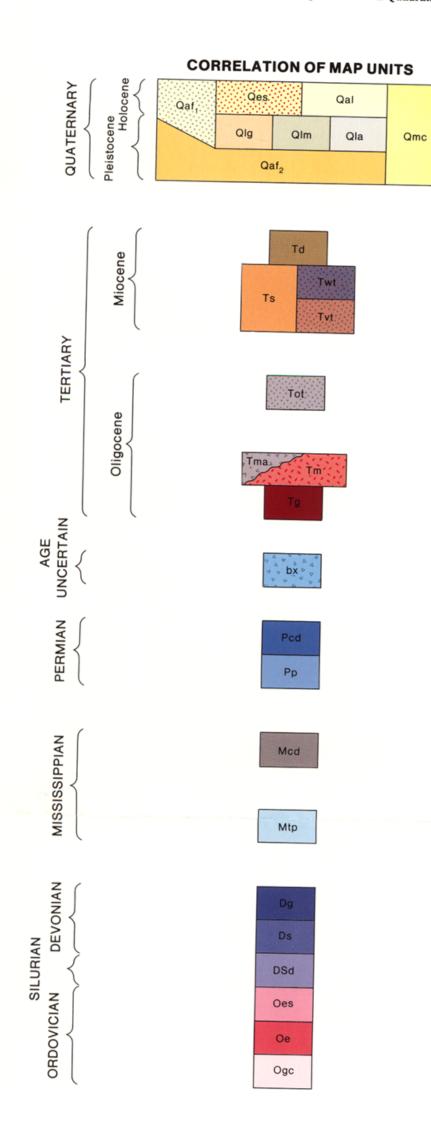




Maj locati		USGS	Unit and faunal	ontoiogical data for Fossil	Date of			Location
1 locati	M81PR-127	number	o esemption	age	report	Paleontologist	Latitude	Location Longitude
	MOTER-12	7 28192	Chert and dolomite unit Cystodictyid or a closely simil bifoliate fistuliporid — 2 spec. Dyscritella? sp. — 3 spec. Rhabdomesids, indet. — 3 spec. Rhombotrypella sp. — 3 spec. Timanodictya sp. — 4 spec. The association of the bry zoans Timanodictya with Dysc.	c.	12/21/8	O.L. Karklins	41°17′05″	113°54′01′
			tella? and Rhombotrypella this sample indicates Permia age for these strata. Timanodic ya is known only from rocks of Permian age.	in an				
2	M82PR-05	D436-PC	Chert and dolomite unit Neostreptognathodus Sulcoplica tus (late Leonardian) (Young quist, Hawley, and Miller) Pa, Stepanovites sp. 1 Pb, 5 s. This fauna is common to th upper third of the Grandeu Formation of McKelvey and the lower part of the Meade Peak Phosphatic Shale Mem ber of the Phosphoria Forma tion CAI=2.0.	g- 1 c. e e ir d d	12/30/82	B.R. Wardlaw	41°17′08″	113°53′58″
3	M80PR-14	f14333	Pequop(?) Formation This sample contains Schwa gerina sp. and a primitive Parafusulina? sp. and suggests latest Wolfcampian to early Leonardian age.	s	12/18/80	R.C. Douglass	41°18′12″	113°58′36″
4	M81PR-88	f14485	Pequop(?) Formation	Early Permian	8/3/82	P.C. Dames		
5	to 93	to f14490	These 6 samples from a traverse through the Pequop(?) all have the same fusulinids in them, some largely recrystallized. From the etched slices, it is difficult to assign any of them definitely to the Pequop. All have schwagerinids, but no evidence of Parafusulina sp. The schwagerinids present don't rule out Pequop age, however.		0/3/02	R.C. Douglass	41°18′17″	113°59′53″
5	S81PR-10	f14480	Pequop(?) Formation The fusulinid present is a sch- wagerinid that is close to Pequop forms but if it is actual- ly Pequop age, it is very early. Not much of the Pequop should be found below it.	Early Permian	8/3/82	R.C. Douglass	41°18′32″	113°59′10″
,	S81PR-10	28108-PC	Pequop(?) Formation  Tabulipora sp., one specimen.  This undescribed species of  Tabulipora appears to be common in rocks of Late Pennsylvanian and Early Permian ages.	Late Penn- sylvanian or Early Permian	10/19/81	O.L. Karklins	41°18′32″	113°59′10″
6	M81PR-114	10341-SD	Guilmette Formation Brachiopods from this collection confirm a Frasnian age. Most diagnostic is the spiriferoid Tenticospirifer Utahensis (Meek) which is represented by one excellent specimen and several fragmentary valves. This species has been reported from late Frasnian rocks in Utah, Montana, Wyoming and Nevada; a very similar species is also present in the Martin	early Late Devonian	1/20/82	J.T. Dutro, Jr.	41°19′11″	113°55′35″
	M81PR-114		4 4 .	early Late Devonian	11/24/81	W.A. Oliver, Jr.	41°19′11″	113°55′35″

FORMATION	SYMBOL	LITHOLOGY	000) THICKNESS feet (meters)	
Chert and dolomite	Pcd			
Pequop(?) Formation	Pp		920 (280)	
Chainman Shale and Diamond Peak Formation, undivided	Mcd		600 (185)	
Tripon Pass Limestone	Mtp		80 (25)	
Guilmette Formation	Dg		965 (295)	
Simonson Dolomite	Ds		690 (210)	
Thick-bedded dolomite	DSd		675 (205)	
Ely Springs Dolomite	Oes	-/-/-	420 (130)	
Eureka Quartzite	Oe		520 (160)	
Garden City Formation	Ogc		1050 (320)	



## DESCRIPTION OF MAP UNITS

